

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
 Data File : BM023648.D
 Acq On : 11 Nov 2019 22:05
 Operator : JU
 Sample : K5559-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CP8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.075	29	32	50	rVB	89068	172668	1.10%	0.096%
2	3.711	135	140	144	rVB	20310	34173	0.22%	0.019%
3	4.893	335	341	350	rVB	303195	478631	3.05%	0.265%
4	6.734	644	654	665	rBV	363443	651285	4.15%	0.361%
5	6.893	675	681	693	rBV	1237312	2012557	12.81%	1.115%
6	7.081	705	713	725	rBV	1340291	2178554	13.87%	1.207%
7	7.434	767	773	779	rVB	79142	129710	0.83%	0.072%
8	7.546	785	792	796	rBV	1355678	2271482	14.46%	1.258%
9	7.581	796	798	804	rVV	666311	861765	5.49%	0.477%
10	7.893	843	851	862	rBV	3210435	5147563	32.78%	2.852%
11	8.263	904	914	924	rBV	1140573	1832542	11.67%	1.015%
12	8.369	928	932	938	rVB6	14798	32588	0.21%	0.018%
13	8.699	979	988	991	rBV	1603844	2771829	17.65%	1.536%
14	8.746	991	996	1008	rVV	6447046	10524958	67.02%	5.831%
15	9.157	1060	1066	1074	rVB2	105498	168181	1.07%	0.093%
16	9.340	1090	1097	1102	rBV5	22332	40212	0.26%	0.022%
17	9.416	1102	1110	1123	rVV	1393429	2440307	15.54%	1.352%
18	9.951	1194	1201	1210	rBV	2288887	3733732	23.77%	2.068%
19	10.016	1210	1212	1220	rVB5	20637	37312	0.24%	0.021%
20	10.104	1220	1227	1234	rBV3	42532	84020	0.53%	0.047%
21	10.193	1234	1242	1257	rBV	1521456	2547541	16.22%	1.411%
22	10.322	1257	1264	1271	rBV	2102949	3427217	21.82%	1.899%
23	10.469	1279	1289	1299	rVB	131842	255627	1.63%	0.142%
24	10.704	1321	1329	1337	rBV	1443346	2378832	15.15%	1.318%
25	10.928	1356	1367	1386	rBV	6182636	10156677	64.67%	5.627%
26	11.134	1395	1402	1417	rVB	1423660	2452925	15.62%	1.359%
27	11.628	1478	1486	1495	rBV3	203592	465282	2.96%	0.258%
28	11.922	1530	1536	1544	rVB	45079	74512	0.47%	0.041%
29	12.316	1596	1603	1609	rBV	303108	527682	3.36%	0.292%
30	12.375	1609	1613	1623	rVB2	73308	128659	0.82%	0.071%
31	12.610	1648	1653	1661	rVV3	96754	179699	1.14%	0.100%
32	12.698	1664	1668	1674	rVV3	66470	107587	0.69%	0.060%
33	12.769	1674	1680	1686	rVV	258525	390477	2.49%	0.216%
34	12.834	1686	1691	1695	rVB6	22957	43339	0.28%	0.024%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : SVOA CALIBRATION

35	12.992	1712	1718	1730	rVV	835514	1541647	9.82%	0.854%
36	13.104	1730	1737	1741	rVV2	86754	155406	0.99%	0.086%
37	13.157	1741	1746	1751	rVV	131717	261382	1.66%	0.145%
38	13.222	1751	1757	1763	rVV2	167807	359257	2.29%	0.199%
39	13.275	1763	1766	1771	rVB7	27537	42317	0.27%	0.023%
40	13.622	1813	1825	1830	rBV	5088515	7725068	49.19%	4.280%
41	13.669	1830	1833	1840	rVB	571840	773976	4.93%	0.429%
42	13.845	1858	1863	1865	rBV4	50099	72551	0.46%	0.040%
43	13.892	1865	1871	1881	rVV	5644649	8126758	51.75%	4.502%
44	13.969	1881	1884	1885	rVV3	29023	33177	0.21%	0.018%
45	14.004	1886	1890	1897	rVB4	68491	117399	0.75%	0.065%
46	14.204	1916	1924	1940	rBV	3776167	5610418	35.72%	3.108%
47	14.422	1955	1961	1970	rBV	459403	768539	4.89%	0.426%
48	14.498	1970	1974	1977	rBV	47056	65797	0.42%	0.036%
49	14.651	1991	2000	2002	rBV10	19310	43752	0.28%	0.024%
50	14.692	2002	2007	2012	rBV	165133	240262	1.53%	0.133%
51	14.969	2050	2054	2060	rVB	42461	56835	0.36%	0.031%
52	15.204	2087	2094	2101	rBV	7401424	10582923	67.39%	5.863%
53	15.333	2110	2116	2128	rBV	2467091	3486430	22.20%	1.931%
54	15.439	2130	2134	2140	rVB	91047	135880	0.87%	0.075%
55	15.551	2148	2153	2155	rBV5	19519	31212	0.20%	0.017%
56	15.733	2178	2184	2187	rVB8	30186	44407	0.28%	0.025%
57	15.780	2187	2192	2196	rBV6	84114	131699	0.84%	0.073%
58	15.851	2201	2204	2209	rVV6	21147	40125	0.26%	0.022%
59	15.951	2218	2221	2224	rVV4	84681	118523	0.75%	0.066%
60	15.986	2224	2227	2233	rVB2	108918	164066	1.04%	0.091%
61	16.080	2240	2243	2247	rVB4	35461	42317	0.27%	0.023%
62	16.186	2255	2261	2266	rBV2	392377	581518	3.70%	0.322%
63	16.322	2278	2284	2286	rVV6	29750	50628	0.32%	0.028%
64	16.351	2286	2289	2293	rVB3	81170	95134	0.61%	0.053%
65	16.522	2313	2318	2328	rVB	193279	295942	1.88%	0.164%
66	16.739	2351	2355	2356	rVV3	40526	50019	0.32%	0.028%
67	16.763	2357	2359	2363	rVB	52941	63508	0.40%	0.035%
68	16.951	2384	2391	2401	rBV	4813615	6729373	42.85%	3.728%
69	17.051	2401	2408	2419	rBV	9246945	12949534	82.46%	7.174%
70	17.151	2420	2425	2428	rBV4	117996	196048	1.25%	0.109%
71	17.186	2428	2431	2434	rBV2	78437	97274	0.62%	0.054%

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72	17.322	2450	2454	2459	rVB2	47735	62111	0.40%	0.034%
73	17.574	2493	2497	2504	rVB	99438	156919	1.00%	0.087%
74	17.674	2506	2514	2519	rVB6	132490	239428	1.52%	0.133%
75	17.745	2523	2526	2532	rVB7	38868	57868	0.37%	0.032%
76	17.874	2543	2548	2552	rBV	625395	828178	5.27%	0.459%
77	17.921	2552	2556	2565	rVB4	150602	367335	2.34%	0.203%
78	18.039	2572	2576	2583	rVB9	46696	78163	0.50%	0.043%
79	18.327	2615	2625	2632	rBV	5844523	8066797	51.36%	4.469%
80	18.410	2634	2639	2642	rVV4	90211	147053	0.94%	0.081%
81	18.457	2642	2647	2657	rVB2	286858	434361	2.77%	0.241%
82	18.627	2672	2676	2679	rBV4	100548	156928	1.00%	0.087%
83	18.663	2679	2682	2685	rVV3	185172	237813	1.51%	0.132%
84	18.704	2686	2689	2693	rVB5	82024	116898	0.74%	0.065%
85	18.798	2701	2705	2714	rBV8	56093	105104	0.67%	0.058%
86	18.986	2734	2737	2741	rVB	112585	147327	0.94%	0.082%
87	19.163	2763	2767	2773	rBV	203623	338100	2.15%	0.187%
88	19.239	2778	2780	2784	rVB	110194	127300	0.81%	0.071%
89	19.357	2794	2800	2806	rVB	11590521	15704912	100.00%	8.700%
90	19.874	2885	2888	2890	rBV2	78335	93893	0.60%	0.052%
91	20.892	3057	3061	3068	rBV	932532	1332137	8.48%	0.738%
92	21.151	3100	3105	3111	rVB	5930750	7222150	45.99%	4.001%
93	21.339	3134	3137	3141	rVB	172782	175008	1.11%	0.097%
94	21.762	3206	3209	3216	rBV2	293329	405614	2.58%	0.225%
95	22.209	3282	3285	3292	rVB	471947	619008	3.94%	0.343%
96	22.327	3302	3305	3313	rVB	687498	970503	6.18%	0.538%
97	22.698	3365	3368	3374	rVB	569256	747447	4.76%	0.414%
98	23.180	3443	3450	3457	rBV	7912107	13371531	85.14%	7.408%
99	23.245	3458	3461	3466	rVV	599332	996774	6.35%	0.552%
100	23.315	3467	3473	3485	rVB	3586278	6584594	41.93%	3.648%

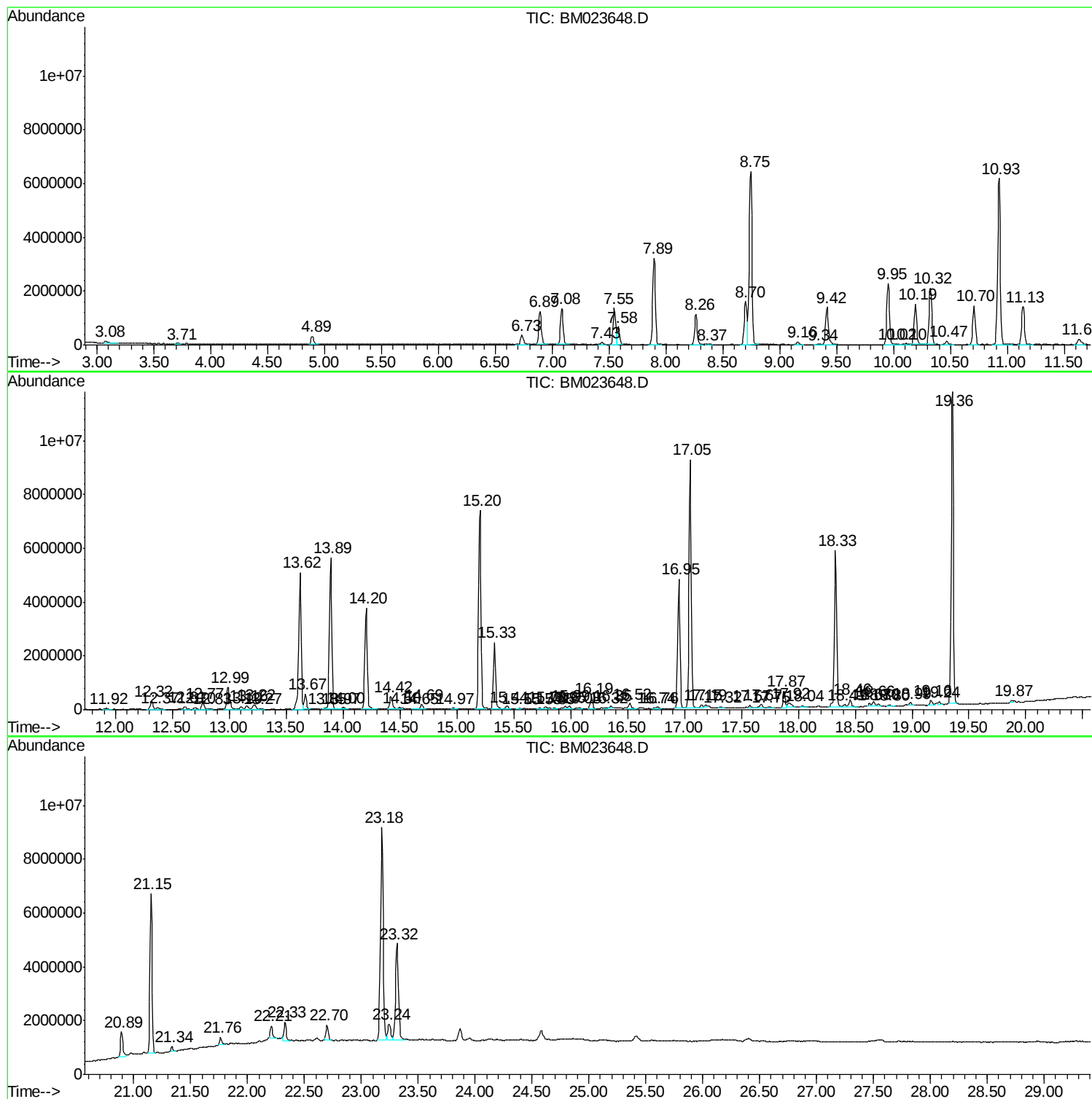
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Instrument :
BNA_M
ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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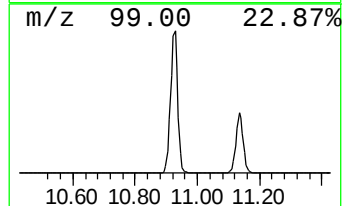
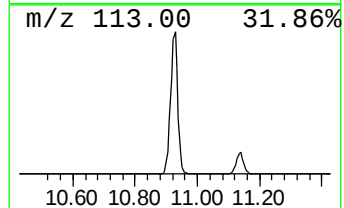
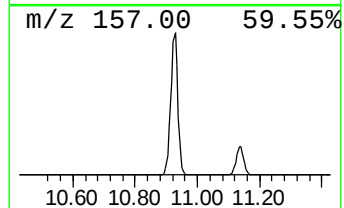
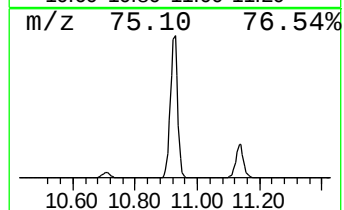
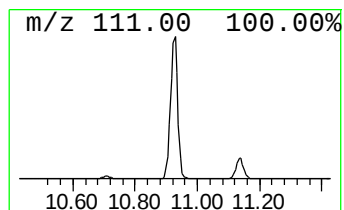
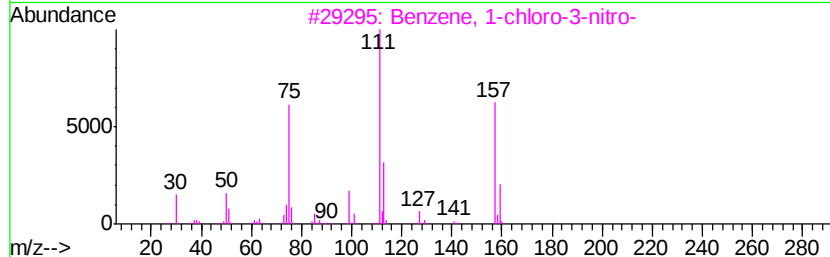
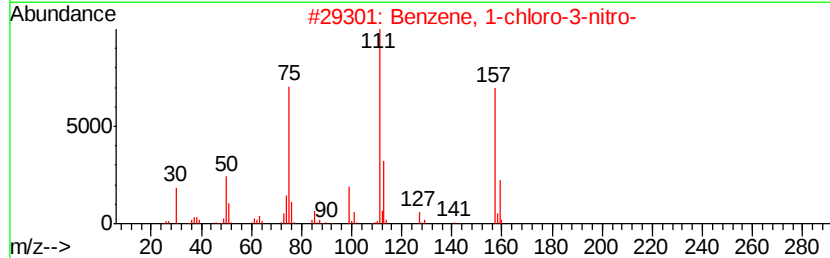
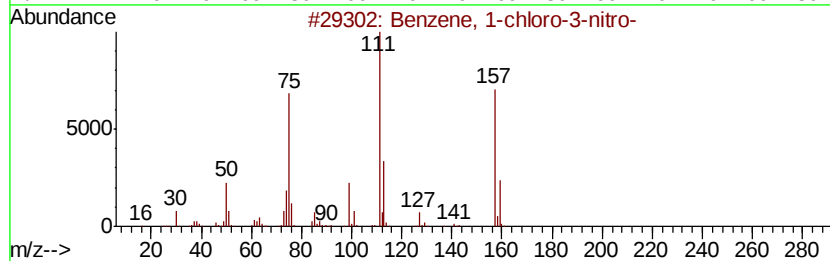
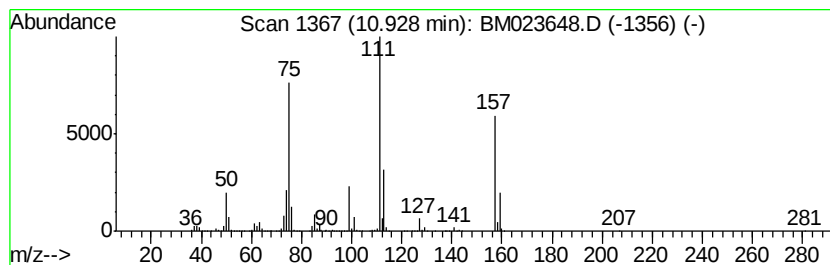
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-chloro-3-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	59.27 ng/ul	10156700	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	83



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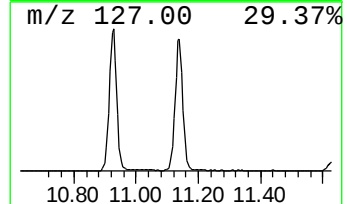
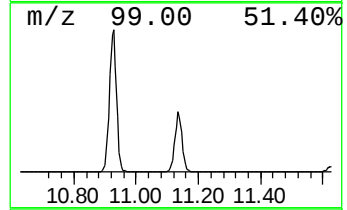
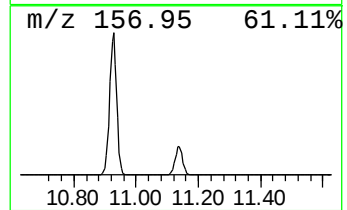
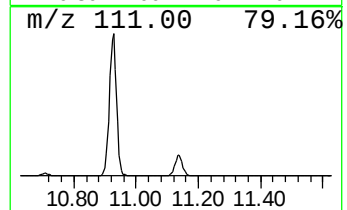
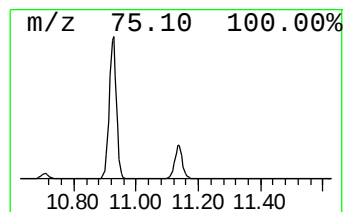
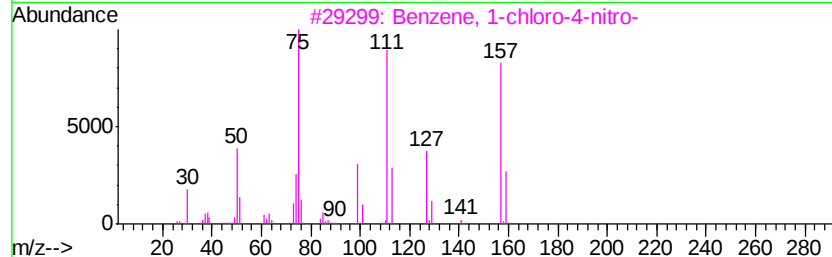
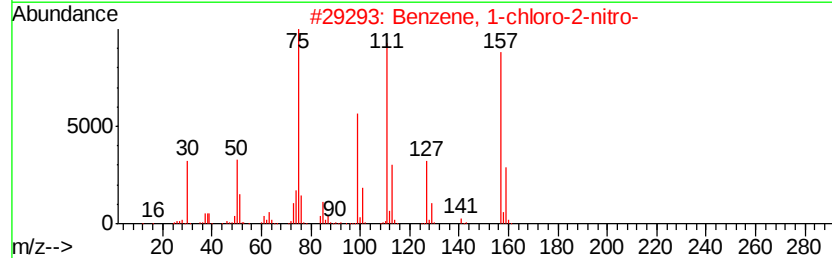
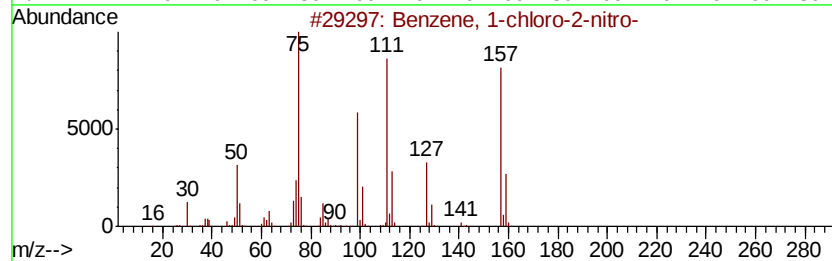
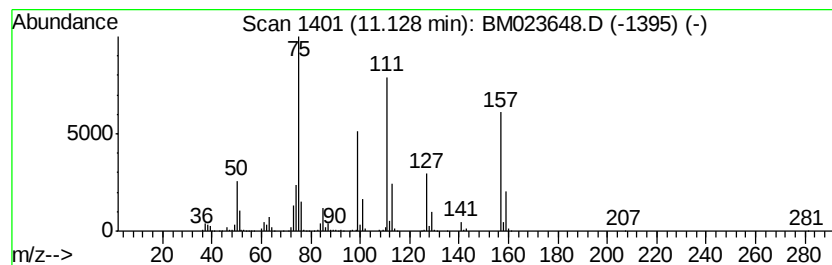
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-chloro-4-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	14.31 ng/ul	2452930	Naphthalene-d8	10.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-chloro-2-nitro-	157	C6H4ClN02	000088-73-3	99
2		Benzene, 1-chloro-2-nitro-	157	C6H4ClN02	000088-73-3	98
3		Benzene, 1-chloro-4-nitro-	157	C6H4ClN02	000100-00-5	96
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClN02	000100-00-5	95
5		Benzene, 1-chloro-2-nitro-	157	C6H4ClN02	000088-73-3	95



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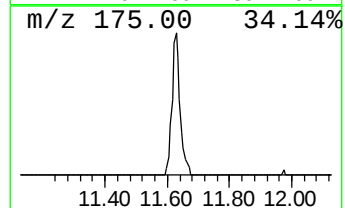
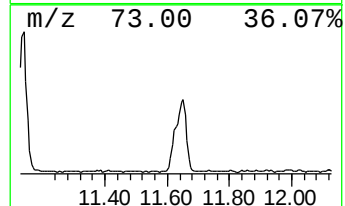
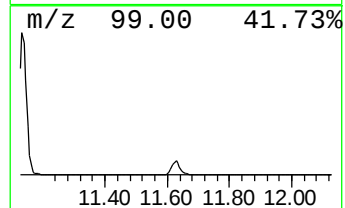
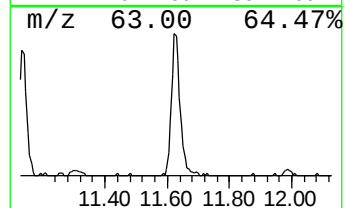
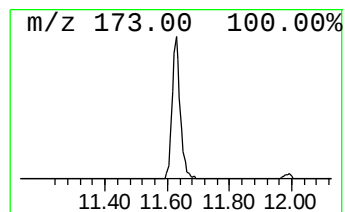
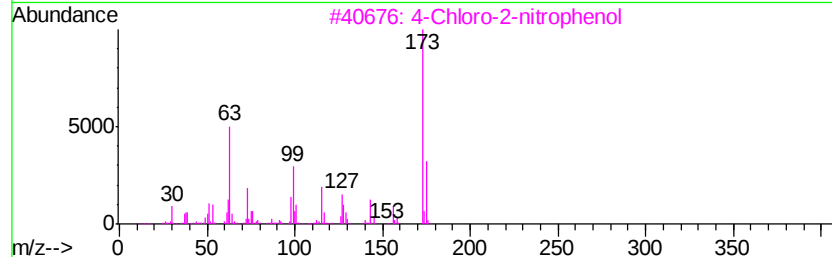
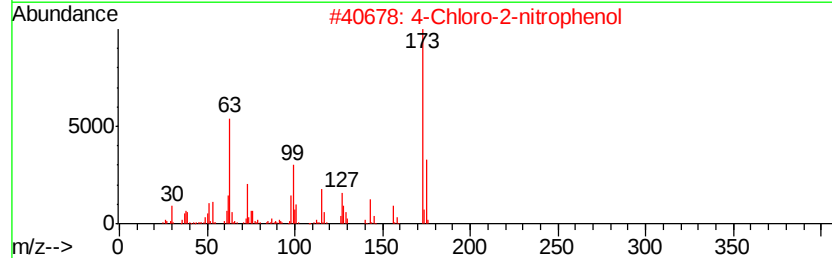
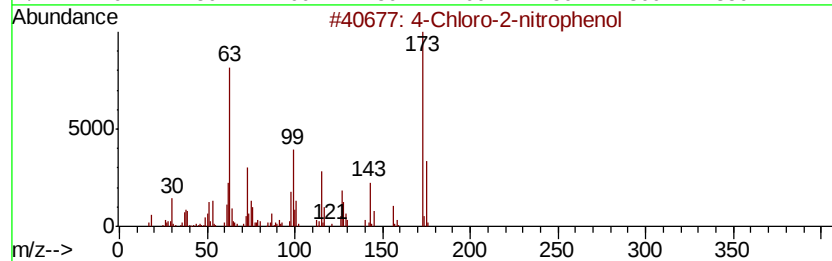
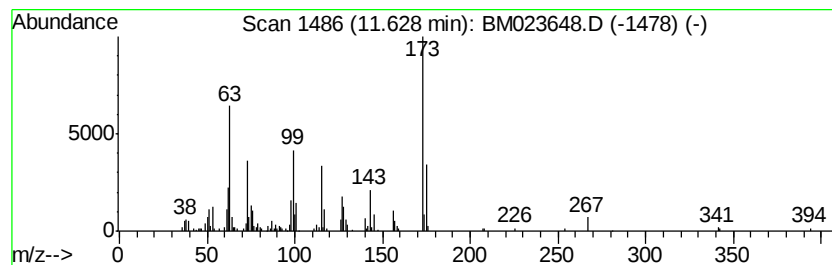
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4-Chloro-2-nitrophenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	2.72 ng/ul	465282	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	99
2		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	96
3		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	95
4		Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	87
5		2-Thioxo-imidazolidin-4-one-5-ac...	173	C5H7N3O2S	1000146-03-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023648.D
Acq On : 11 Nov 2019 22:05
Operator : JU
Sample : K5559-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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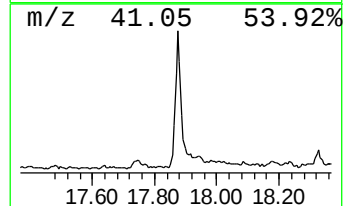
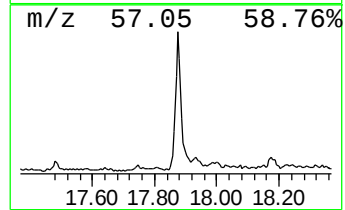
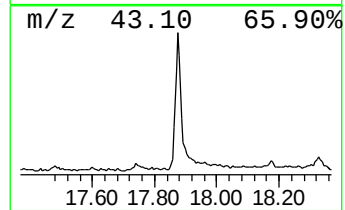
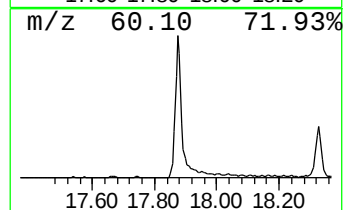
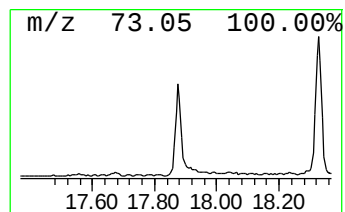
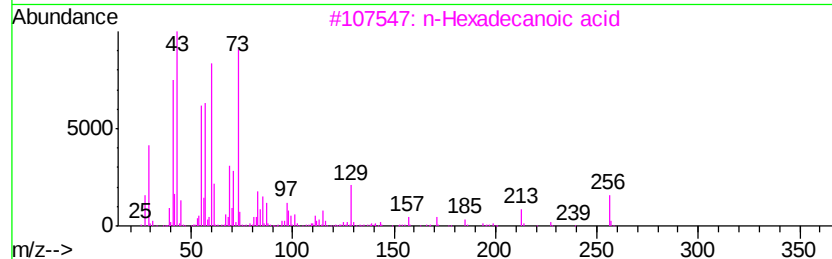
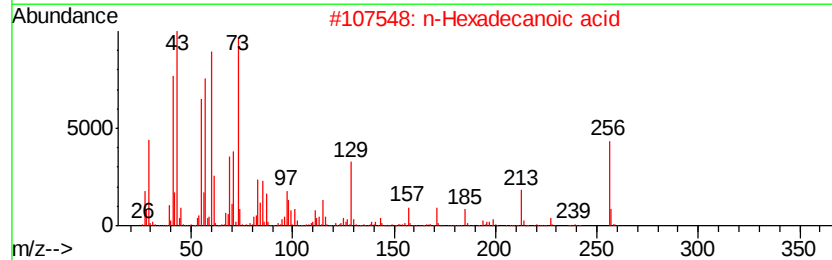
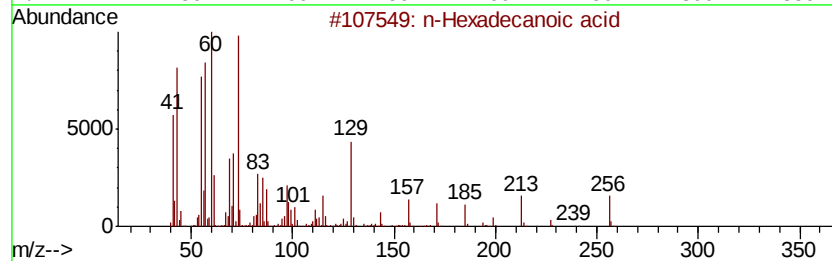
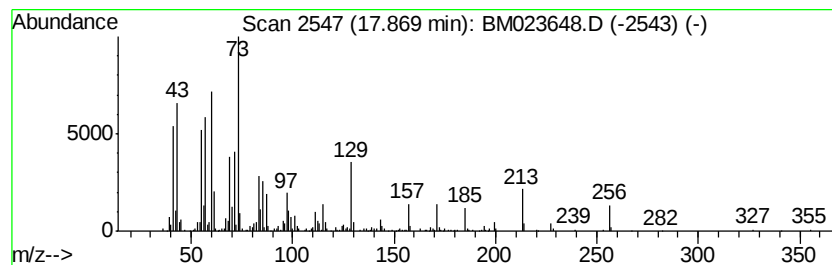
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.46 ng/ul	828178	Phenanthrene-d10	16.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4		Octadecanoic acid	284	C18H36O2	000057-11-4	81
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
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Acq On : 11 Nov 2019 22:05
Operator : JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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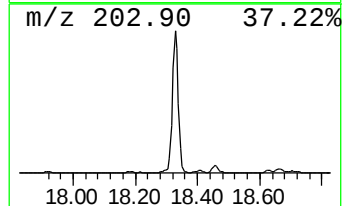
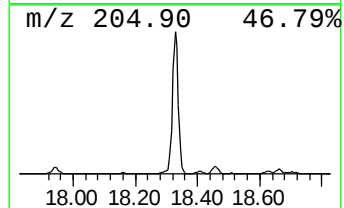
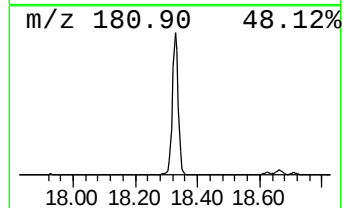
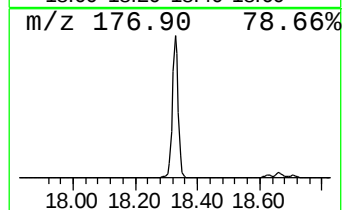
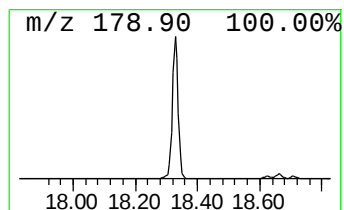
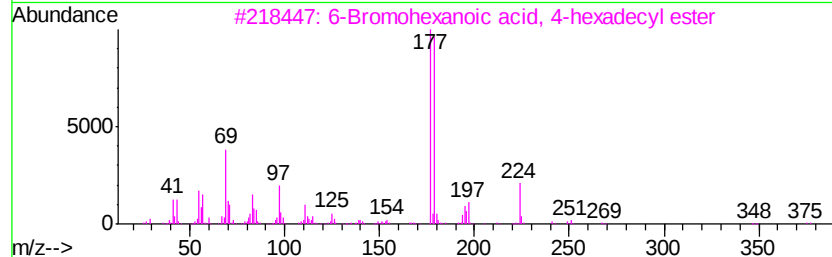
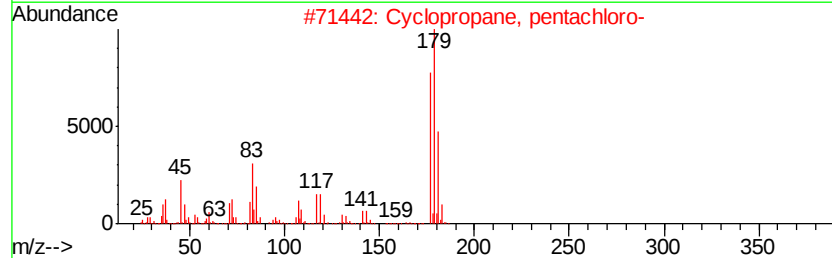
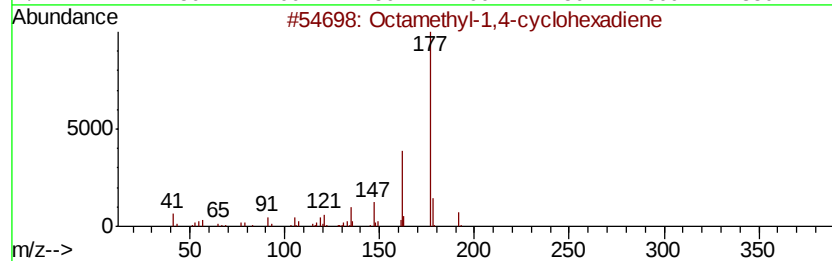
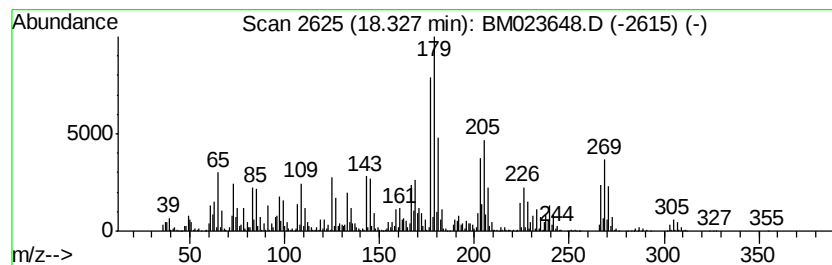
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	23.97 ng/ul	8066800	Phenanthrene-d10	16.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	44
2		Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	37
3		6-Bromohexanoic acid, 4-hexadecyl ester	418	C22H43BrO2	1000282-90-6	35
4		6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	30
5		4-Butylbenzoic acid, nonyl ester	304	C20H32O2	1000292-20-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
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Operator : JU
Sample : K5559-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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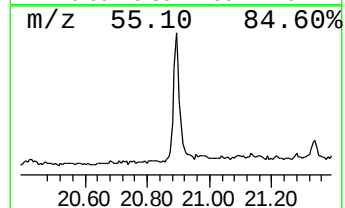
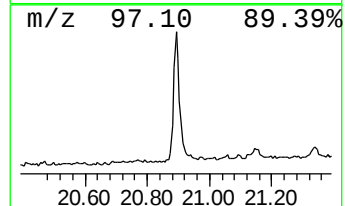
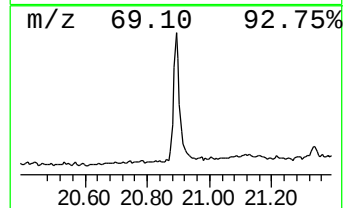
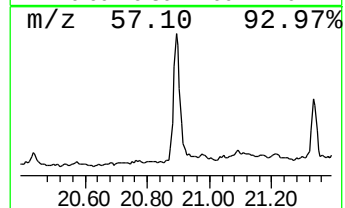
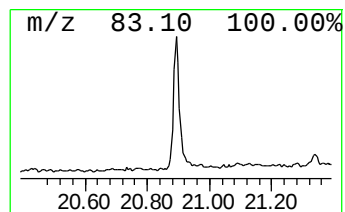
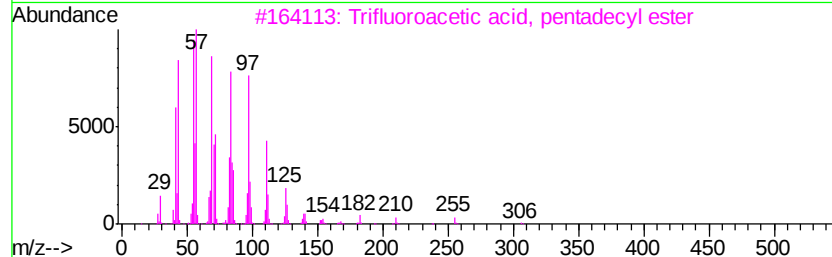
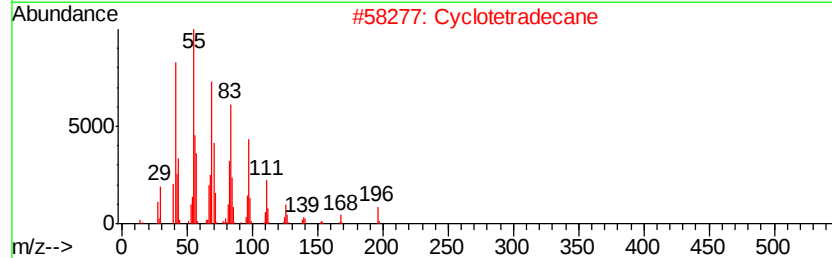
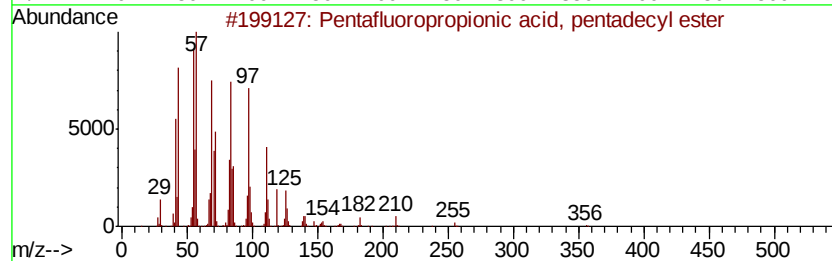
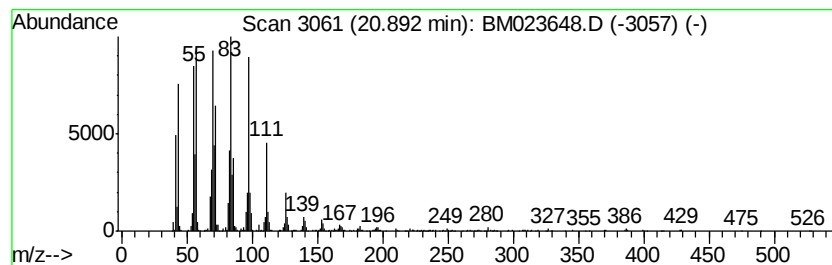
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentafluoropropionic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.69 ng/ul	1332140	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
2		Cyclotetradecane	196	C14H28	000295-17-0	93
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
4		1-Heptacosanol	396	C27H56O	002004-39-9	91
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023648.D
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Misc :
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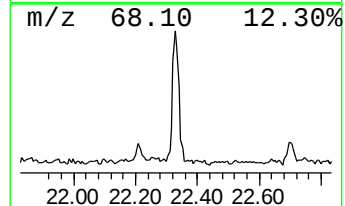
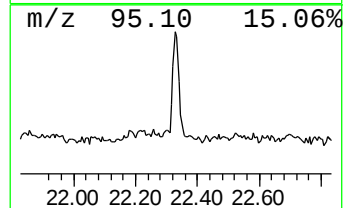
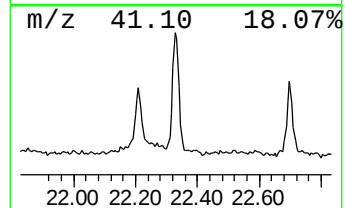
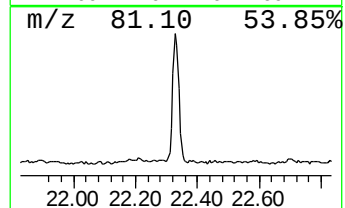
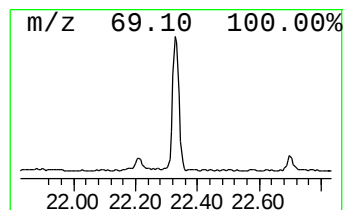
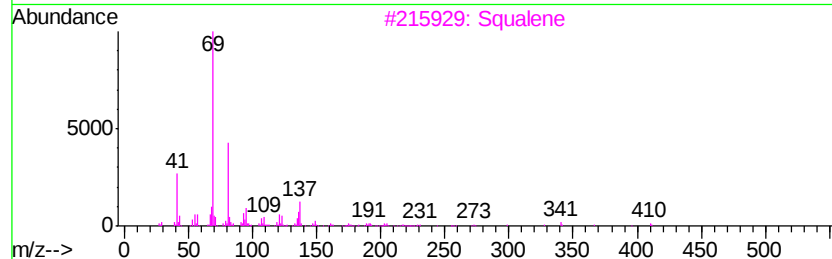
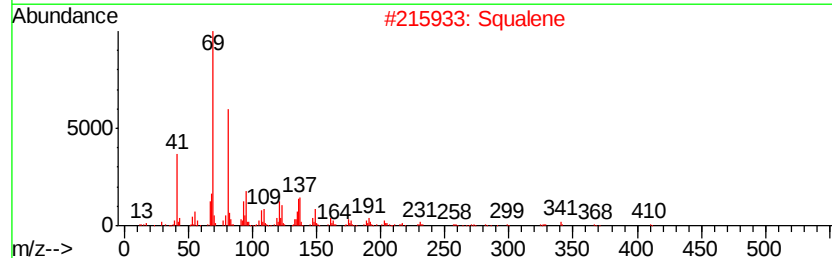
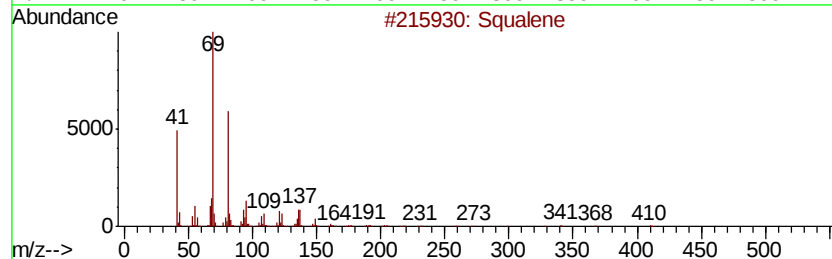
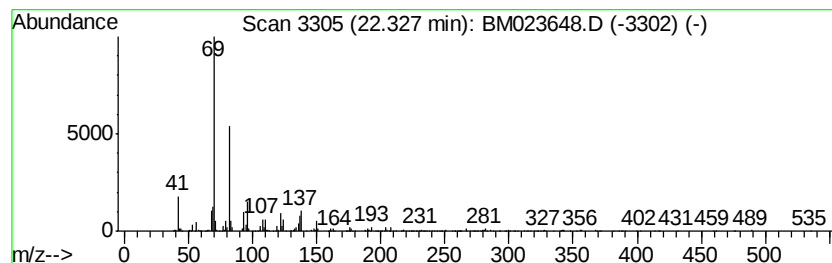
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	2.95 ng/ul	970503	Perylene-d12	23.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	90
2		Squalene	410	C30H50	000111-02-4	86
3		Squalene	410	C30H50	000111-02-4	86
4		Squalene	410	C30H50	000111-02-4	86
5		Supraene	410	C30H50	007683-64-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023648.D
Acq On : 11 Nov 2019 22:05
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Misc :
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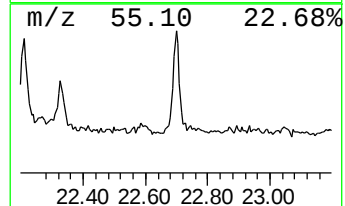
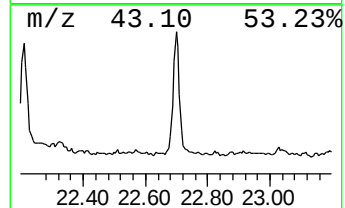
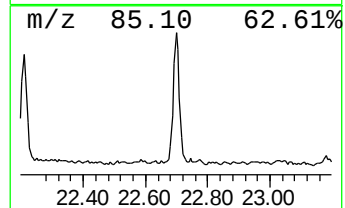
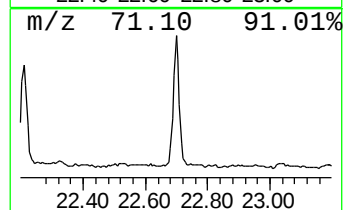
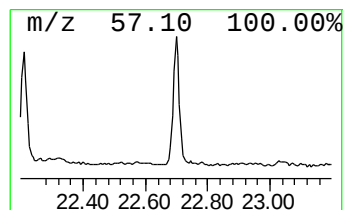
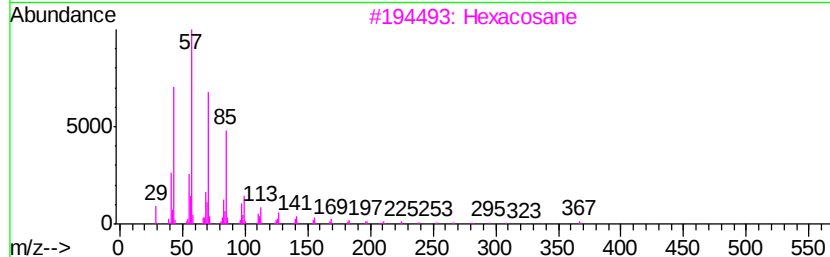
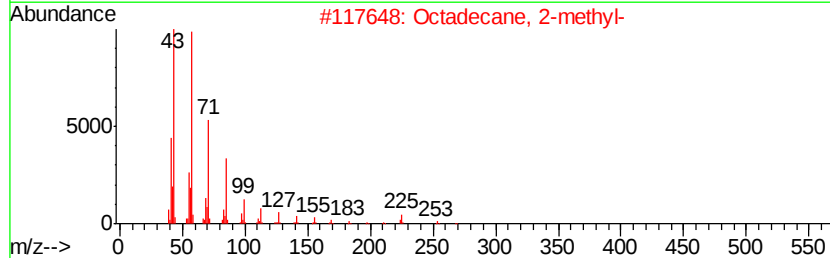
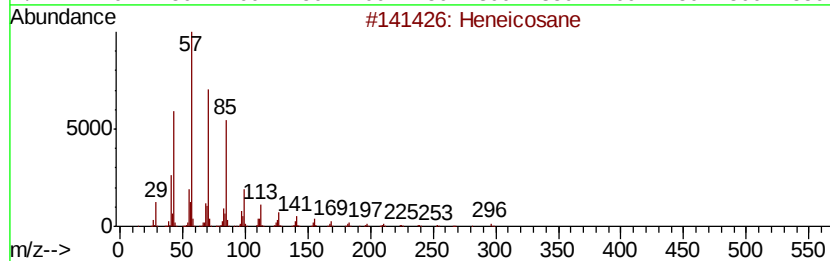
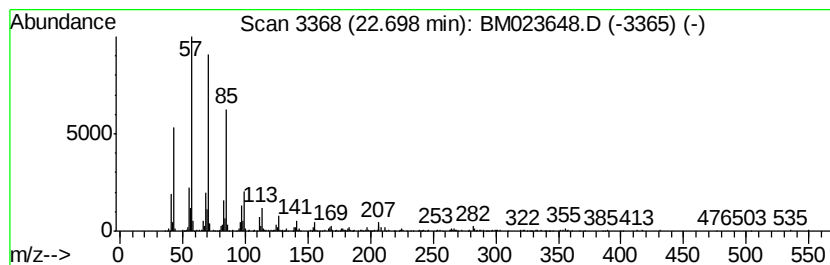
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.27 ng/ul	747447	Perylene-d12	23.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
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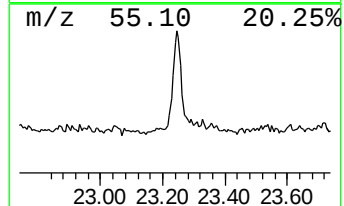
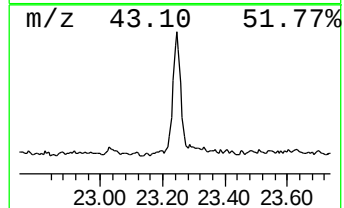
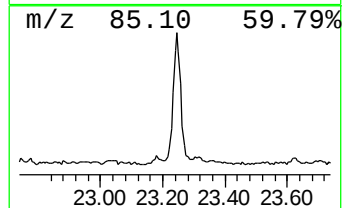
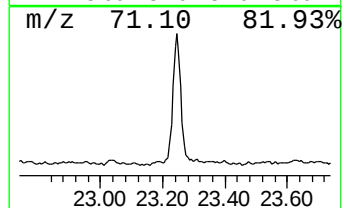
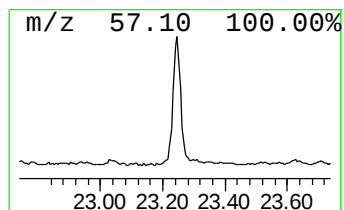
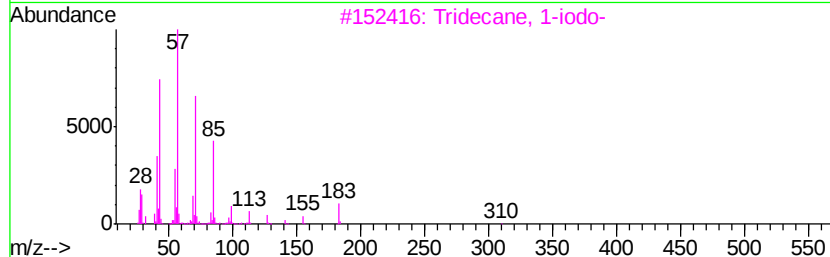
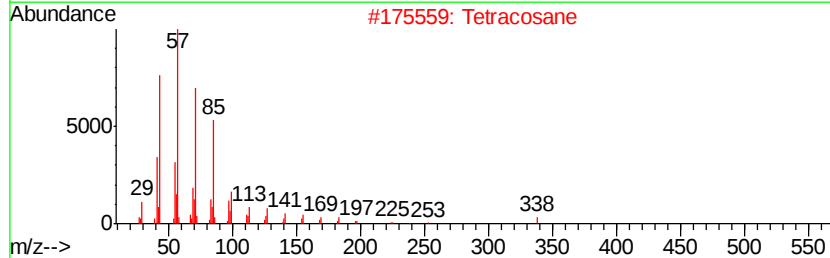
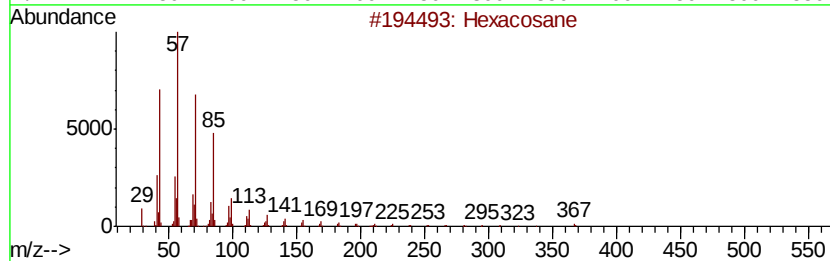
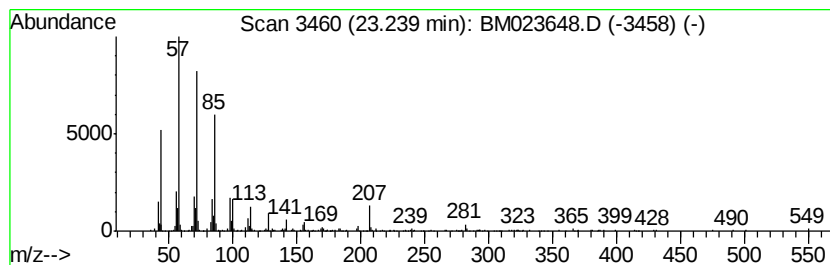
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	3.03 ng/ul	996774	Perylene-d12	23.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heneicosane, 10-methyl-	310	C22H46	013287-25-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111119\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, 1-chloro...	11.13	14.3	ng/ul	2452930	2	10.32	3427220	20.0
4-Chloro-2-nitrop...	11.63	2.7	ng/ul	465282	2	10.32	3427220	20.0
n-Hexadecanoic acid	17.87	2.5	ng/ul	828178	4	16.95	6729370	20.0
unknown-01	18.33	24.0	ng/ul	8066800	4	16.95	6729370	20.0
Pentafluoropropio...	20.89	3.7	ng/ul	1332140	5	21.15	7222150	20.0
Squalene	22.33	3.0	ng/ul	970503	6	23.32	6584590	20.0
(DEL) Alkane: Str...	22.70	2.3	ng/ul	747447	6	23.32	6584590	20.0
(DEL) Alkane: Str...	23.24	3.0	ng/ul	996774	6	23.32	6584590	20.0